

PATENT CLAIMS:

Claims 1-19: Canceled

20. (Previously Presented) The method as claimed in claim 21, wherein the quantity is also modified in dependence on the wheel-individual air pressure of the tires.
21. (Currently Amended) A method of controlling the driving performance of a vehicle with pneumatic tires during a turn in which the air pressure in individual tires is monitored for loss of tire pressure, the method comprising the steps of determining a loss of tire pressure at a front wheel,
determining that the vehicle is in a cornering maneuver, wherein the tire exhibiting the reduced tire pressure is associated is located on the outside of the turn,
determining or predicting an unstable driving condition, and
reducing transverse dynamics during [[a]] the cornering maneuver where a reduced tire pressure prevails at the tire of a front wheel, when the tire exhibiting the reduced tire pressure is associated with the outside wheel in a turn,
wherein the reduction is adapted to the degree of tire pressure loss.
22. (Currently Amended) The method as claimed in claim 21, wherein in accordance with the reduced tire pressure and the position of the tire with a reduced tire pressure and/or and the number of the wheels with tires with a reduced tire pressure and quantities describing the driving situation, the driving speed is reduced in particular in accordance with a reduction of the vehicle drive torque.
23. (Withdrawn) A method of controlling the driving performance of a vehicle in with which at least one vehicle component is monitored for flaws, wherein the vehicle has an actively controllable chassis, the method comprising the steps of - determining a flaw by monitoring quantities associated with individual actuators of the chassis system, wherein the flaw is at least one error in these quantities,

- determining or predicting an unstable driving condition and
 - modifying a control quantity influencing the transverse dynamics of the vehicle in dependence on the magnitude of the flaw when an unstable driving condition is determined or predicted.
24. (Withdrawn) The method as claimed in claim 23,
wherein the quantity is also modified in dependence on the deviation of the magnitude of error.
25. (Withdrawn) The method as claimed in claim 23,
wherein in accordance with the magnitude of error and the position of the actuator with the magnitude of error and the number of actuators where an error of the quantity occurs and quantities describing the driving situation, the driving speed is reduced in particular in accordance with a reduction of the vehicle drive torque.
26. (Withdrawn) The method as claimed in claim 23,
wherein an error of the actuator is an error that can be associated with a position of the vehicle and which is in a correlation to a wheel, such as a defective shock absorber, defective (air) cushioning systems, and like devices.
27. (Withdrawn) The method as claimed in claim 23,
wherein the quantity is modified when a cornering maneuver is detected.
28. (Withdrawn) The method as claimed in claim 27,
wherein the quantity influencing the transverse dynamics is modified when the flaw occurs at an outside wheel in a turn.
29. (Withdrawn) The method as claimed in claim 23,
wherein it is found out in accordance with at least one element out of the group consisting of the steering angle, the rotational behavior of the wheels, and the yaw rate, at which location the flaw occurs, and the quantity influencing the transverse dynamics is accordingly modified during cornering.

30. (Withdrawn) The method as claimed in claim [[18]] 23,
wherein the quantity influencing the transverse dynamics is a value of a single-track
model influencing an additional yaw torque of a vehicle stability control to be
generated.
31. (Withdrawn) The method as claimed in claim 30,
wherein the value is a targeted friction value between tire and road which is limited
in accordance with the flaw.
32. (Previously Presented) The method as claimed in claim 21,
wherein the quantity influencing transverse dynamics is a threshold value that
determines a driving condition with a lateral acceleration critical in terms of rollover,
and rollover about a vehicle axle oriented in the longitudinal direction of the vehicle
will occur when the threshold value is exceeded.
33. (Previously Presented) The method as claimed in claim 32,
wherein the threshold value is lowered.
34. (Previously Presented) The method as claimed in claim 21,
wherein the quantity to be modified is a value indicative of the difference between
the vehicle reference speed and the wheel rotational speed of each wheel in a
cornering maneuver where ABS braking is carried out with ABS control.
35. (Currently Amended) ~~The method as claimed in claim 34 A method of controlling
the driving performance of a vehicle with pneumatic tires during a turn in which the
air pressure in individual tires is monitored for loss of tire pressure, the method
comprising the steps of~~
~~determining a loss of tire pressure at a rear wheel,~~
~~determining that the vehicle is in a cornering maneuver, wherein the tire exhibiting
the reduced tire pressure is associated is located on the outside of the turn~~
~~determining or predicting an unstable driving condition and~~

~~wherein when the wheel with the reduced tire pressure is a rear wheel, the performing ABS control is performed according to the SelectLow principle.~~

36. (Withdrawn) The method as claimed in claim 23,
wherein the value of the modification is taken into account in accordance with a performance graph.